

LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-24. (cancelled)

25. (currently amended) An apparatus for adjusting operational tension pressure of a web, comprising:

a web transporting roller;

a pressure sensor responsive to the ambient pressure about the web transporting roller;

a tension sensor responsive to the tension pressure of the web; and

at least one web tensioning roller facilitating adjustment of adjustable the tension pressure of the web in relation to the ambient pressure and in response to an output from the pressure sensor.

26. (Original) The apparatus of claim 25 further comprising:

a controller in communication with the pressure sensor and the tension sensor; and

an actuator in communication with the controller and the web tensioning roller, wherein the web tensioning roller is adjustable in response to an output from the actuator.

27. (currently amended) The apparatus of claim 25-26, further comprising:

computer logic in communication with the controller to compute a web outgassing molecular density;

computer logic to compute a target web tension pressure based at least in part on the web outgassing molecular density; and

- computer logic in communication with the actuator to adjust the web tensioning roller in relation to the target web tension pressure.

28. (currently amended) An apparatus for adjusting operational tension pressure of a web, comprising:

means for measuring ambient pressure about a web transporting roller;

means for measuring web tension pressure of a web over the web transporting roller; and

means for adjusting web tension pressure in response relation to the measured ambient pressure and in response to an output from the means for measuring web tension pressure.

29. (original) The apparatus of claim 28 further comprising:

means for computing a web outgassing molecular density;

means for computing a target web tension pressure based at least in part on the web outgassing molecular density; and

means for adjusting the web tensioning roller in relation to the target web tension pressure.

30-33. (Cancelled)